



GP 1756 #3
Atty. Dkt. No. 039153-0451 (G1156)
BT
b-10-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lukanc et al.

Title: METHOD OF ENHANCING CLEAR FIELD PHASE SHIFT MASKS WITH BORDER AROUND EDGES OF PHASE REGIONS

Appl. No.: 10/016,441

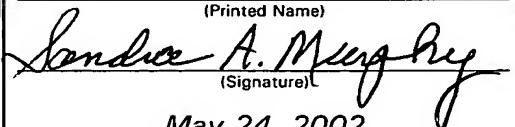
Filing Date: 12/11/2001

Examiner: Unknown

Art Unit: 1756

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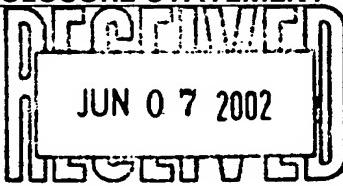
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May 24, 2002
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INFORMATION DISCLOSURE STATEMENT

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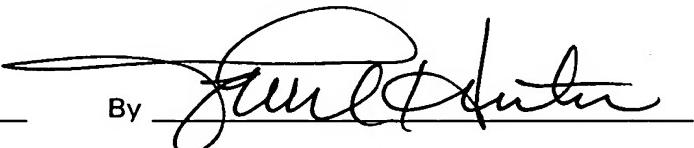
TC 1700

Sir:

Pursuant to 37 C.F.R. §§ 1.97-98 and in accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits herewith the references listed on the attached Form PTO/SB/08 to the Examiner such that they may be considered and made of record in the above-identified application. A copy of each reference is enclosed.

Respectfully submitted,

Date May 24, 2002

By 

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 24, 2002 <small>(use as many sheets as necessary)</small>		<input checked="" type="checkbox"/> Application Number 10/016,441 <input checked="" type="checkbox"/> Filing Date 12/11/2001 <input checked="" type="checkbox"/> First Named Inventor Todd P. Lukanc <input checked="" type="checkbox"/> Group Art Unit 1756 <input checked="" type="checkbox"/> Examiner Name Unknown	
Sheet	1	of	1
Attorney Docket Number 039153-0451 (G1156)			

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A1	6,228,539 B1			Wang et al.	05-08-2001	
A2	5,858,580			Wang et al.	01-12-1999	
A3	5,807,649			Liebmann et al.	09-15-1998	
A4	5,573,890			Spence	11-12-1996	

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A5	Levenson et al., "Improving Resolution in Photolithography with a Phase-Shifting Mask," IEEE Transactions on Electron Devices, Vol. ED-29, No. 12, December 1982, pp. 1828-1836.		T ⁶
	A6	Lin, B.J., "Phase-Shifting Masks Gain an Edge," Circuits & Devices, March 1993, pp. 28-35.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2See attached Kinds of U.S. Patent Documents. 3Enter Office that issued the document, by the two-letter code (WIPO)

5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **6**Applicant is to place a check mark here if English language Translation is attached.

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